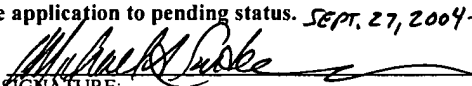


FORM PTO 1390 (REV 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 32307-208197
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/509018
INTERNATIONAL APPLICATION NO. PCT/JP03/03877	INTERNATIONAL FILING DATE 27 March 2003	PRIORITY DATE CLAIMED 28 March 2002 24 March 2003	
TITLE OF INVENTION OPTICAL DEVICE			
APPLICANT(S) FOR DO/EO/US Kurumada et al.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)). 004 <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 			
Items 11 to 20 below concern document(s) or information included:			
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Return Receipt Postcard 			

U.S. APPLICATION NO. (if known) 10/509018 <small>(see 37 CFR 1.5)</small>		INTERNATIONAL APPLICATION NO. PCT/JP03/03877		ATTORNEY'S DOCKET NUMBER 32307-208197																																																																		
21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)): <div style="margin-left: 20px;"><input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00</div> <div style="margin-left: 20px;">ENTER APPROPRIATE BASIC FEE AMOUNT = Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).</div>				CALCULATIONS PTO USE ONLY <table border="1" style="width:100%; border-collapse: collapse;"><tr><td style="width:50%;">ENTER APPROPRIATE BASIC FEE AMOUNT =</td><td style="width:50%; text-align: right;">\$ 920.00</td></tr><tr><td>Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).</td><td style="text-align: right;">\$</td></tr></table> <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th style="width:33%;">CLAIMS</th><th style="width:17%;">NUMBER FILED</th><th style="width:17%;">NUMBER EXTRA</th><th style="width:17%;">RATE</th><th style="width:16%;"></th></tr></thead><tbody><tr><td>Total claims</td><td>3-20 =</td><td></td><td>x</td><td style="text-align: right;">\$ 0.00</td></tr><tr><td>Independent claims</td><td>1-3 =</td><td></td><td>x</td><td style="text-align: right;">\$ 0.00</td></tr><tr><td colspan="4">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td><td style="text-align: right;">\$</td></tr><tr><td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td><td style="text-align: right;">\$ 920.00</td></tr><tr><td colspan="4"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td><td style="text-align: right;">\$</td></tr><tr><td colspan="4" style="text-align: right;">SUBTOTAL =</td><td style="text-align: right;">\$ 920.00</td></tr><tr><td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).</td><td style="text-align: right;">\$</td></tr><tr><td colspan="4">TOTAL NATIONAL FEE =</td><td style="text-align: right;">\$ 920.00</td></tr><tr><td colspan="4">Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td><td style="text-align: right;">+ \$ 80.00</td></tr><tr><td colspan="4">TOTAL FEES ENCLOSED =</td><td style="text-align: right;">\$ 1,000.00</td></tr><tr><td colspan="4" rowspan="2"></td><td style="text-align: right;">Amount to be refunded: \$</td></tr><tr><td style="text-align: right;">charged: \$</td></tr></tbody></table>		ENTER APPROPRIATE BASIC FEE AMOUNT =	\$ 920.00	Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).	\$	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total claims	3-20 =		x	\$ 0.00	Independent claims	1-3 =		x	\$ 0.00	MULTIPLE DEPENDENT CLAIM(s) (if applicable)				\$	TOTAL OF ABOVE CALCULATIONS =				\$ 920.00	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	SUBTOTAL =				\$ 920.00	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$	TOTAL NATIONAL FEE =				\$ 920.00	Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ \$ 80.00	TOTAL FEES ENCLOSED =				\$ 1,000.00					Amount to be refunded: \$	charged: \$
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a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,000.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 22-0261. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																																																						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. SEPT. 27, 2004- SEND ALL CORRESPONDENCE TO: <div style="text-align: right; margin-top: 20px;"> SIGNATURE: _____ Michael A. Sartori, Ph.D. NAME _____ 41,289 REGISTRATION NUMBER _____</div>																																																																						
CUSTOMER NUMBER: 26694 DC2-583953																																																																						

BEST AVAILABLE COPY